

Listing of Claims:

1. (currently amended) A method, for use in a mobile data communication system ~~which~~ that includes:

first and second subscriber registers (HLR1, HLR2) for maintaining subscriber records defining a subscriber identity module registry; ;

a message transmission system (SMSC) for ~~transmission of~~ transmitting messages in the communication system; ; and

AJ a mobile station (MS) for use by a subscriber in effecting mobile communications through ~~the~~ said mobile data communication system;

said method being for controlling a subscriber identity module (SIM) connected to ~~the~~ said mobile station (MS) ~~and~~ , which stores ~~in the subscriber identity module~~ data comprising a first subscriber identity code (IMSI1) and an ~~encrypted~~ encryption code key (K_i) corresponding to a first subscription for the mobile station subscriber, and associated with the subscriber identity module (SIM), ~~wherein~~ such that when ~~the~~ said first subscription is opened for ~~the~~ said mobile station subscriber, a record of data corresponding to ~~the~~ said first subscription, ~~and with~~ said record comprising:

a first subscription-specific call number (MSISDN_x), ~~the~~

said encryption code key (K_i), ~~and the~~

said first subscriber identity code (IMSI1) for ~~the~~ said mobile station subscriber,

is created in ~~the~~ said first subscriber register (HLR1); ;

said method comprising the steps of:

a.) opening a second subscription for ~~the~~ said mobile station subscriber;

b.) creating in ~~the~~ said second subscriber register (HLF2) a record of data corresponding to ~~the~~ said opened second subscription, and comprising:

a second subscription-specific call number (MSISDN), ~~the~~

said encryption key (K_i), and

a second subscriber identity code (IMSI2) for ~~the~~ said mobile station subscriber;

c.) transmitting through ~~the~~ said mobile data communication system a message (SMS) directed to ~~the~~ said first subscription and instructing a change in the data stored in ~~the~~ said subscriber identity module from data corresponding to ~~the~~ said first subscription, to data corresponding to ~~the~~ said second subscription; and

d.) changing, in response to receipt of ~~the~~ said message (SMS) directed to ~~the~~ said first subscription, the data stored in ~~the~~ said subscriber identity module to the data corresponding to ~~the~~ said second subscription.

2. (currently amended) A The method in accordance with claim 1, further comprising the steps of:

e.) transmitting through ~~the~~ said mobile data communication system ~~an~~ a first acknowledgement of receipt of ~~the~~ said message (SMS), and of success in changing ~~of~~ the stored data in ~~the~~ said subscriber identity module; and

f.) removing from ~~the~~ said first subscriber register (HLR1), in response to receipt of ~~the~~ said acknowledgement, the record of data corresponding to ~~the~~ said first subscription.

3. (currently amended) A The method in accordance with claim 1, further comprising the steps of:

e.) transmitting through said mobile data communication system a first acknowledgement of receipt of said message (SMS), and of success in changing of the stored data in said subscriber identity module;

f.) transmitting through ~~the~~ said mobile data communication system a second message (SMS₂) directed to ~~the~~ said second subscription;

g.) transmitting through ~~the~~ said mobile data communication system a second acknowledgement of receipt of ~~the~~ said second message (SMS₂); and

h.) removing from ~~the~~ said first subscriber register (HLR1), in response to receipt of ~~the~~ either said first acknowledgement or second acknowledgement, the record of data corresponding to ~~the~~ said first subscription.

4. (currently amended) A The method in accordance with claim 1, further comprising the steps of:

e.) waiting, following said transmitting of ~~the~~ said message (SMS) directed to ~~the~~ said first subscription, for a predetermined period of time for receipt of ~~the~~ said first acknowledgement; and

f.) ~~if the acknowledgement is not received within the predetermined period of time,~~ transmitting through ~~the~~ said mobile data communication system a second message (SMS₂) directed to ~~the~~ said second subscription, if said first acknowledgement is not received within said predetermined period of time.

5. (currently amended) A The method in accordance with claim 4, further comprising the steps of:

g.) detecting when ~~the~~ said second subscription is attached to ~~the~~ said mobile data communication system; and

h.) removing from ~~the~~ said first subscriber register (HLR1) the record of data corresponding to the first subscription upon detection that the second subscription is attached to the communication system.

6. (currently amended) A The method in accordance with claim 1, wherein said changing step (d.) further comprises removing from ~~the~~ said subscriber identity module a temporary subscriber identity code (TMSI) stored in ~~the~~ said subscriber identity module with ~~the~~ said first subscription data.

7. (currently amended) A The method in accordance with claim 1, wherein ~~the~~ said mobile data communication system comprises a Global System for Mobile communications (GSM) mobile communication system.

8. (currently amended) ~~In a~~ A mobile data communication system ~~which includes~~ comprising:

a.) first and second subscriber registers (HLR1, HLR2) for maintaining subscriber records defining a subscriber identity module registry; ;

b.) a message transmission system (SMSC) for transmission of messages in ~~the~~ said mobile data communication system; ;

c.) a mobile station for use by a subscriber in effecting mobile communications through ~~the~~ said mobile data communication system, ~~and;~~

d.) a subscriber identity module (SIM), connected to ~~the~~ said mobile station ~~and~~ , for storing in ~~the~~ said subscriber identity module data comprising:

ii.) a first subscriber identity code (IMSI1), and

iii.) an ~~encrypted~~ encryption code key (K_i), corresponding to a first subscription for the said mobile station subscriber and associated with the said subscriber identity module (SIM), and in which, when the said first subscription is opened for the said mobile station subscriber, a record of data corresponding to the said first subscription, and comprising:

a first subscription-specific call number (MSISDN_x),

the said encryption code key (K_i), and

the said first subscriber identity code (IMSI1) for the said mobile station subscriber;

is created in the said first subscriber register (HLR1), ~~the improvement~~ comprising :

e.) a control device (1) for controlling the said subscriber identity module (SIM), and comprising:

i.) first means (2) for opening in the said second subscriber register (HLR2) a record of data corresponding to the said opened second subscription and with said record of data comprising:

a second subscription-specific call number (MSISDN),

the said encryption key (K_i), and

a second subscriber identity code (IMSI2) for the said mobile station subscriber;

ii.) ~~third~~ second means (4) for generating a message (SMS) to be directed through the said mobile data communication system to the said first

subscription and instructing a change in the data stored in ~~the~~ said
subscriber identity module from data corresponding to ~~the~~ said first
subscription to data corresponding to ~~the~~ said second subscription; and

iii.) ~~fourth~~ third means ~~(5)~~ for changing the data stored in ~~the~~ said

subscriber identity module (SIM) from ~~the~~ data corresponding to ~~the~~ said
first subscription to ~~the~~ data corresponding to ~~the~~ said second subscription.

9. (currently amended) ~~In the~~ The mobile data communication system of claim 8,
wherein said control device ~~(1) being~~ is disposed in conjunction with a billing and customer
control system of ~~the~~ said mobile data communication system.

10. (currently amended) ~~In the~~ The mobile data communication system of claim 8, ~~the~~
wherein said message transmission system ~~comprising~~ comprises a short message system.